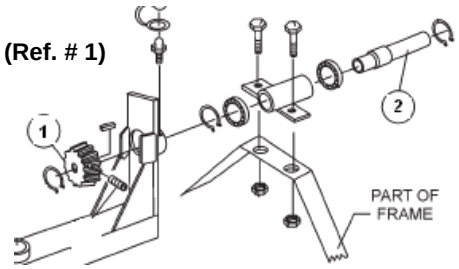
RING GEAR INSTALLATION

Instructions:

1 – Remove the Cab Assembly and the Driven Pulley.

2 – Set the Ring Gear over the Barrel and proceed with the following:
a) Using the Ring Gear Shims as wedges to retain the Ring Gear in place, center the Ring Gear on the Barrel as best as possible.
b) Rotate the Barrel and check the Ring Gear lateral movement over the Pinion Drive Gear (Ref. #1, Item # 1). Make Shim adjustments as needed to take out the Ring Gear lateral movement over the Pinion Drive Gear.
c) Adjust the back lash between the Ring Gear and Pinion Drive Gear to .025”

3 – Align one of the Ring Gear bolt holes parallel with the Pinion Drive Shaft (Ref. # 1, Item # 2). Confirm the proper back lash is set and drill a bolt hole in the Barrel, install a bolt and snug tighten only.



4 – From the bolt hole drilled in step # 3, rotate the Barrel to the Ring Gear bolt hole on the opposite side of the Barrel and align it parallel with the Pinion Drive Gear Shaft. Confirm the proper back lash is set and drill a bolt hole in the Barrel, install a bolt and snug tighten only.

5 – Repeat step (3) for the remaining Ring Gear bolt holes.

6 – Rotate the Barrel for final inspection of the ring gear lateral movement over the Pinion Drive Gear.

7 – If needed; use different thickness Shims to make a final Ring Gear adjustment and to take up any air space between the Ring Gear and Barrel at Bolt points.

CAUTION: Any air gaps between the Ring Gear and Barrel at Bolt points must be taken up with Shims. Air gaps may cause the Ring Gear to crack when the bolts are tightened down.

8 – Tighten all the barrel bolts after all final adjustments are made and install the driven pulley and cab assembly.